



IFW 2634

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re application of: William McFarland

Application No.: 09/839,565

Art Unit.: 2634

Filing Date: 04/20/2001

Examiner: Curtis B. Odom

For: "Multi-Carrier Communication Systems Employing Variable Symbol Rates And Number Of Carriers"

Atty. Dkt. No.: ATH-0025

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: March 13, 2006

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.
2. **STATUS:** Applicant is a small entity.
3. **EXTENSION OF TERM:** The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
4. **FEE FOR CLAIMS:** The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

|  | (Col.1)                                   |       | (Col. 2)                              | (Col. 3)         | SMALL ENTITY        |               |
|--|---|-------|---------------------------------------|------------------|---------------------|---------------|
|  | Claims<br>Remaining<br>After<br>Amendment |       | Highest No.<br>Previously<br>Paid For | Present<br>Extra | Rate                | Addit.<br>Fee |
| Total  | 19  | Minus | 85                                    | = 0              | x \$25 =            | \$0           |
| Indep.   | 13  | Minus | 13                                    | = 0              | x \$100 =           | \$0           |
| First Presentation of Multiple Dependent Claim |   |       |                                       |                  | + \$180 =           | \$0           |
|  |   |       |                                       |                  | Total<br>Addit. Fee | \$0           |

**No additional fee for claims is required.**

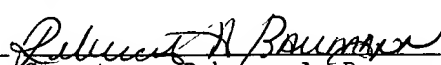
5. **FEE DEFICIENCY:** If any additional extension and/or fee is required, please charge  
Deposit Account No. 50-0574.

Customer No. 022888  
Tel.: (408) 451-5907

  
**SIGNATURE OF PRACTITIONER**

Jeanette S. Harms  
Reg. No. 35,537

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 13, 2006.

3/13/2006  
Date  
  
Signature: Rebecca A. Baumann



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William McFarland  
Assignee: Atheros Communications, Inc.  
Title: Multi-Carrier Communication Systems Employing  
Variable Symbol Rates And Number Of Carriers  
Serial No.: 09/839,565 File Date: April 20, 2001  
Examiner: Curtis B. Odom Art Unit: 2634  
Docket No.: ATH-0025

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AMENDMENT IN RESPONSE TO THE SECOND OFFICE ACTION

Initial Comments

Claims 2-5, 8, 9, 12, 13, 15-18, 20, 21, 24, 25, and 80-82 are pending in this application. Claims 2-5, 15-18, and 80-82 are allowed. Claims 8, 12, 20, and 24 are rejected under 35 USC 103(a) as being obvious over US Patent 6,175,550 (van Nee) in view of US Patent 6,726,297 (Uesugi). Claims 9 and 21 are rejected under 35 USC 103(a) as being obvious over van Nee in view of US Patent 6,452,907 (Levin). Claims 13 and 25 are rejected under 35 USC 103(a) as being obvious over van Nee in view of Levin and Uesugi.

Claims 8, 9, 12, 13, 20, 21, 24, and 25 are amended herein.